

### Abstract of the Disclosure

A system and method for processing returned postal mail using barcode application technology is provided. The method includes receiving forwarded mail information from a sender and making the forwarded mail information into a database; extracting a recipient's address and corresponding mail information from the forwarded mail information, printing a zip code number barcode and an information collection barcode on predetermined positions, respectively, on an envelope, and reporting mail shipment to the sender; receiving returned mailpieces, sorting the returned mailpieces by reason for return, and recording a reason for return of each returned mailpiece; reading the information collection barcode printed on each returned mailpiece and making returned mail information into a database; and reporting a result of processing the returned mailpieces to the sender through the communication network, extracting a recipient information from the returned mail information, and reporting to a corresponding recipient through the communication network that a mailpiece having been forwarded to the recipient is returned.